ORDER NO. AVD86030210C2

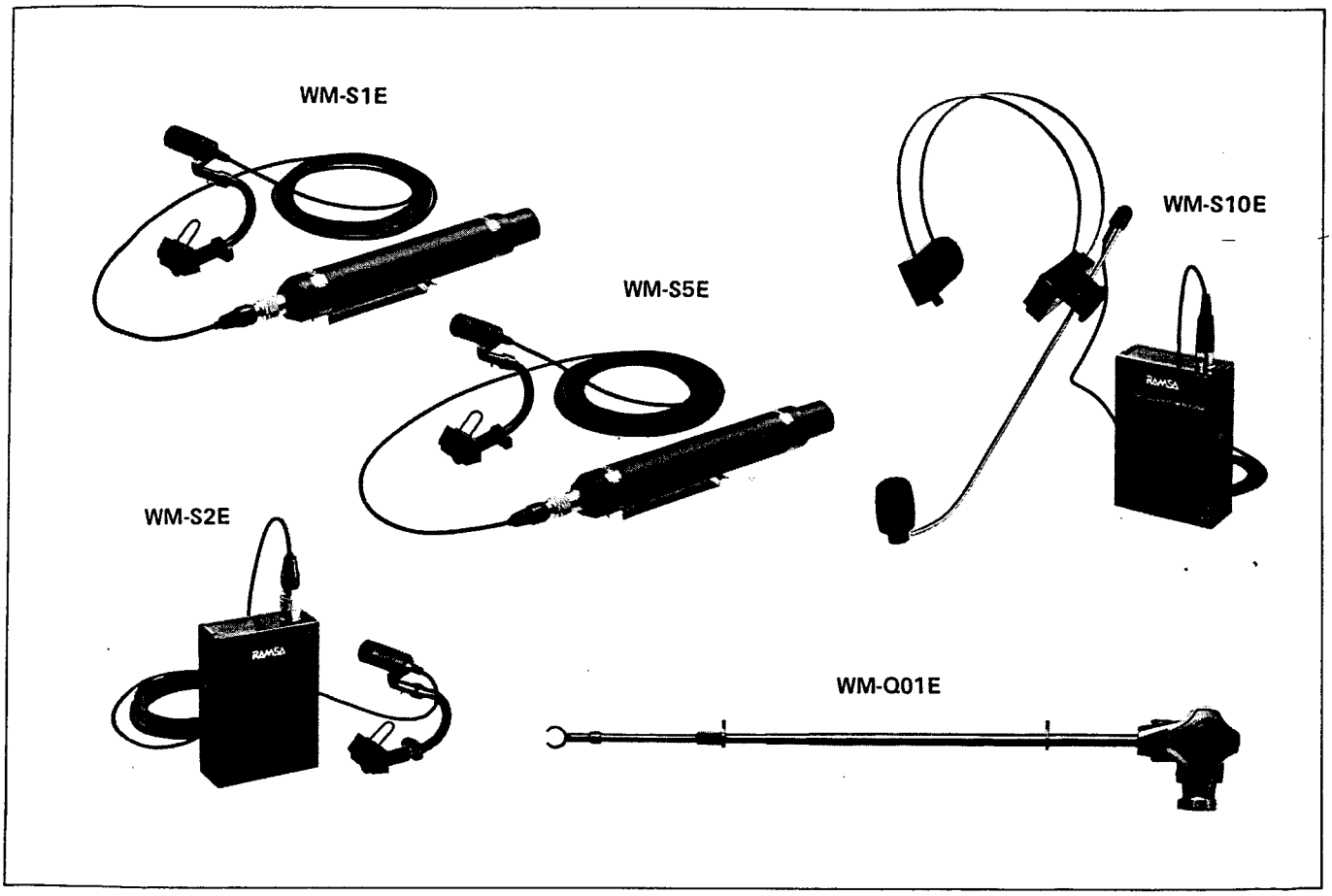
Service Manual

Miniature Condenser Microphones

WM-S1E/S2E/S5E/S10E

Mini Boom

WM-Q01E



Panasonic

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

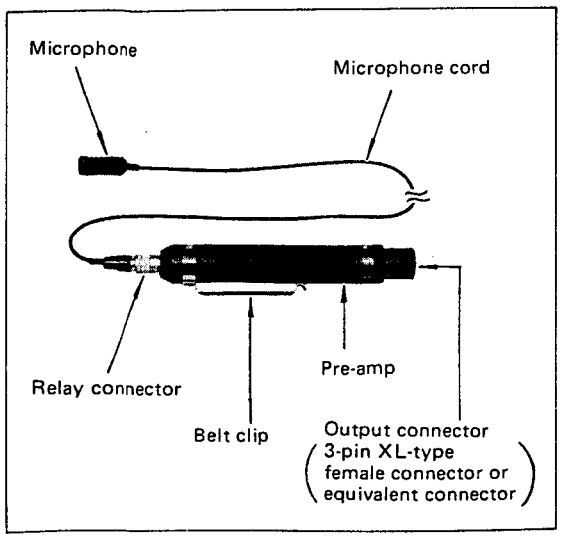
SPECIFICATIONS

	WM-S1E	WM-S2E	WM-S5E	WM-S10E
Type	Miniature Condenser (Pre-Polarized)	Miniature Condenser (Pre-Polarized)	Miniature Condenser (Pre-Polarized)	Miniature Condenser (Pre-Polarized)
Frequency Range	50Hz to 18kHz	120Hz to 15kHz	70Hz to 16kHz	120Hz to 15kHz
Polar Pattern	Unidirectional	Unidirectional	Unidirectional	Unidirectional
Impedance at 1kHz	600 ohms (output transformerless)	250 ohms	600 ohms (output transformerless)	250 ohms
Sensitivity at 1kHz (Open Circuit Output Level)	–42dB ±3dB (0dB = 1V/Pa, 1kHz)	–56dB ±3dB (0dB = 1V/Pa, 1kHz)	–52dB ±3dB (0dB = 1V/Pa, 1kHz)	–56dB ±3dB (0dB = 1V/Pa, 1kHz)
Maximum Input SPL at 1kHz (Typical)	148dB	138dB	158dB	138dB
Equivalent Noise Level at 74dB SPL A-Weighted	33dB SPL	35dB SPL	36dB SPL	35dB SPL
Dynamic Range at 1kHz	115dB	103dB	122dB	103dB
Power Supply	Phantom: P48 3mA	Phantom: P12 to P48 Battery: type "IEC R6P" 1.5V X 2	Phantom: P48 3mA	Phantom: P12 to P48 Battery: type "IEC R6P" 1.5V X 2
Battery Life	—	Approx. 200 hours with standard battery	—	Approx. 200 hours with standard battery
Battery Switch	—	Located in XLR Output Connector. Can be switched on/off by inserting or removing mic cable.	—	Located in XLR Output Connector. Can be switched on/off by inserting or removing mic cable.
Accessories	Clip Kit ..... 1 Foam Wind Screen ..... 1 Hard Carrying Case .... 1 Flexible Bar ..... 4 Mic Holder (H) 1	Clip Kit ..... 1 Foam Wind Screen ..... 1 Hard Carrying Case .... 1 Flexible Bar ..... 4 Mic Holder (V) 1	Clip Kit ..... 1 Foam Wind Screen ..... 1 Hard Carrying Case .... 1 Flexible Bar ..... 4 Mic Holder (H) 1	Foam Wind Screen ..... 1 Hard Carrying Case 1
Optional Accessories	Mini Boom (WM-Q01E)	Mini Boom (WM-Q01E)	Mini Boom (WM-Q01E)	—
Output Connector	XLR type 3-pin male	XLR type 3-pin male	XLR type 3-pin male	XLR type 3-pin male
Cable	ϕ 2.6mm X 3m 2-core shielded	ϕ 2.6mm X 3m 2-core shielded	ϕ 2.6mm X 3m 2-core shielded	ϕ 2.3mm X 1.5m 2-core shielded
Weight (Microphone only)	Approx. 16 grams	Approx. 16 grams	Approx. 16 grams	Approx. 90 grams (head set)

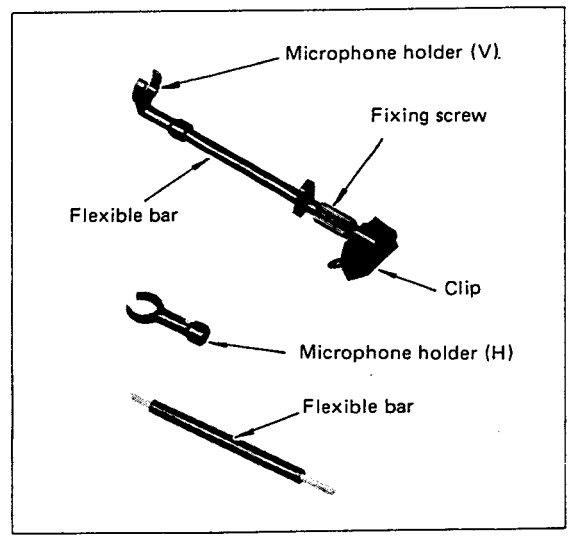
	WM-Q01E
Boom length	Max. 724 mm, Min. 349 mm
Weight	315 grams
Finish	Matte metallic black
Stand mounting screw	5/8 X 27 UNS
Accessories	Microphone holder ..... 1 Flexible bar ..... 1 Screw adaptor (5/8 X 27 UNS → 3/8 X 16 UNC · PF 1/2 X 14)

NAME OF COMPONENTS

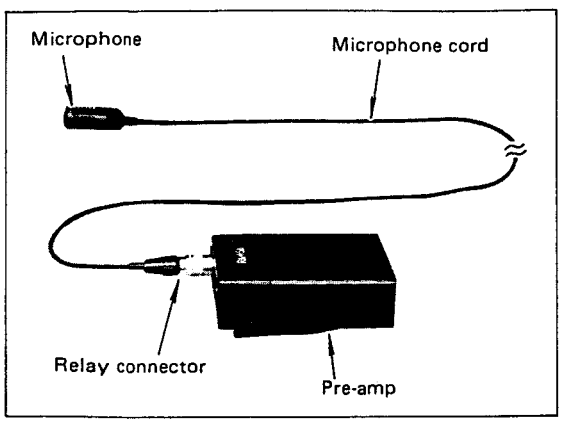
- WM-S1E · WM-S5E (For exclusive use with phantom power supply)



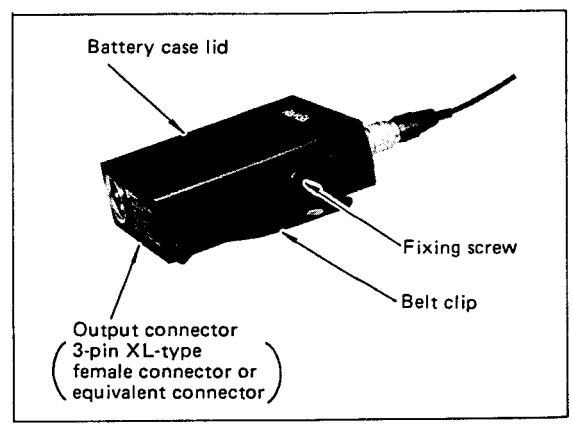
- Exclusive clip for WM-S1E, WM-S2E, and WM-S5E (one set included for each model)



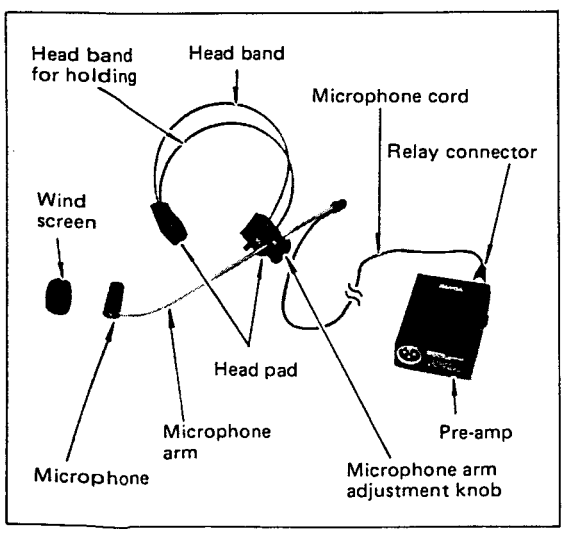
- WM-S2E (For both phantom power source and batteries)



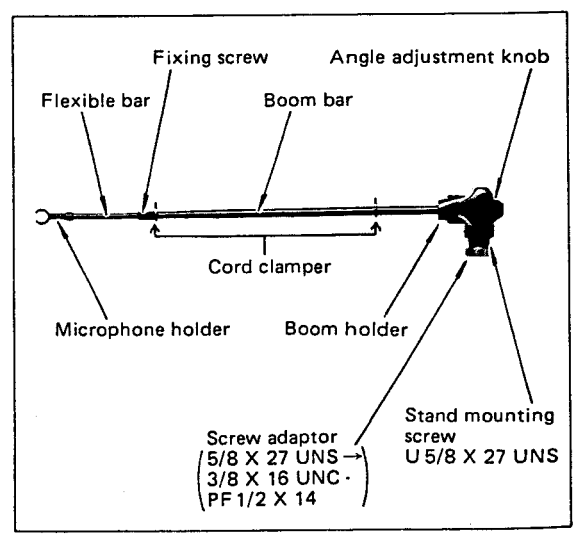
- Supplementary part names for pre-amp section



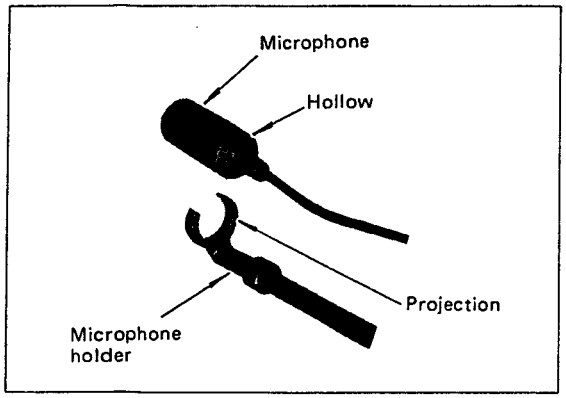
- WM-S10E (for both phantom power source and batteries)



- WM-Q01E Mini boom



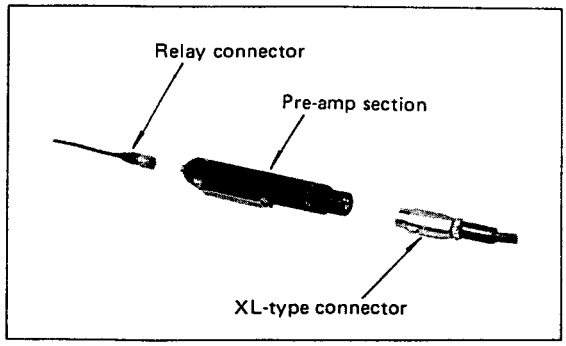
MICROPHONE SECTION SUPPORT



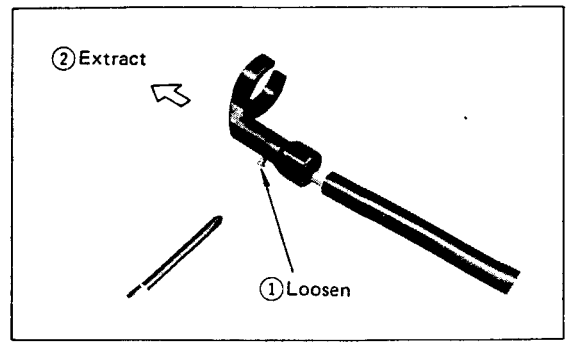
Line up the hollow and projecting portions and attach.

CONNECTIONS

Press the relay connector in the direction of the arrow until a snapping sound is heard.



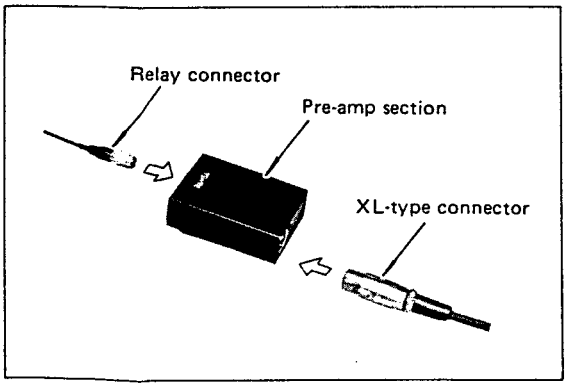
Press the relay connector in the direction of the arrow until a snapping sound is heard.

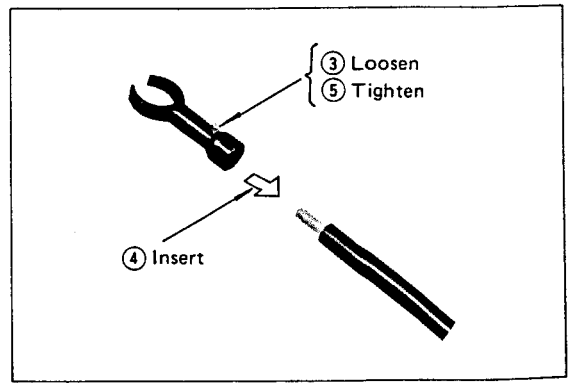


REPLACEMENT OF MICROPHONE HOLDER & FLEXIBLE BAR

- **Replacement of Microphone Holder**

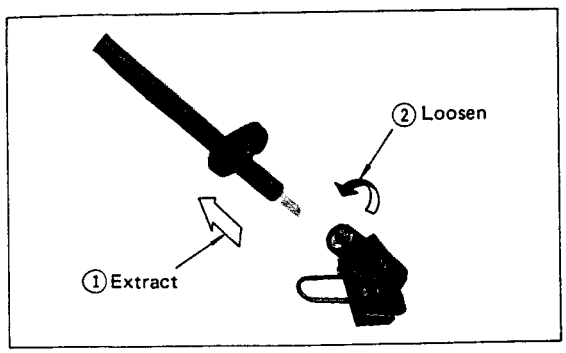
1. Loosen the microphone holder fixing screw (M2 X 3.5 tapping screw).
2. Hold the microphone holder and flexible bar, twist and extract.
3. Loosen the microphone holder fixing screw (M2 X 3.5 tapping screw) for the side to be replaced.
4. Hold the microphone holder and flexible bar, twist and insert.
5. Securely tighten the microphone holder fixing screw (M2 X 3.5 tapping screw).



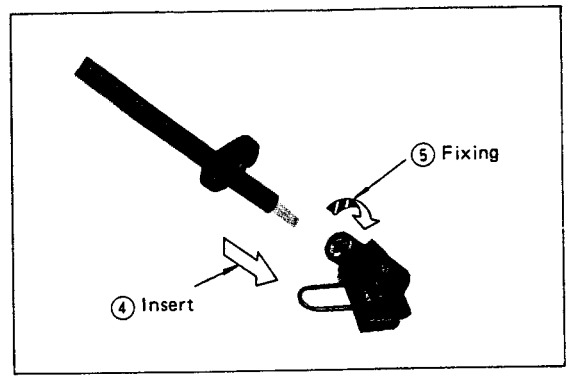


• Replacement of Flexible Bar

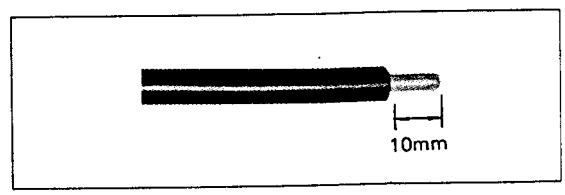
1. Extract the microphone holder.
   * Refer to microphone holder replacement, steps (1) and (2).
2. Loosen the fixing screw.
3. Extract the flexible bar.
4. Insert the new flexible bar (included).
5. Tighten the fixing screw.



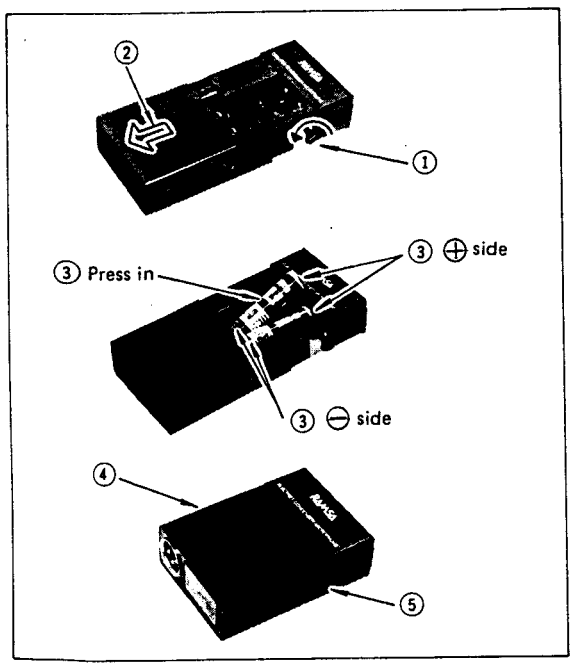
6. Insert the microphone holder and fix.
   * Refer to microphone holder replacement, steps (4) and (5).



* In case the Flexible bar is broken, strip it as shown below to use it again.



BATTERY LOADING



1. Use a screwdriver and loosen the fixing screw.
2. Pull the battery case lid in the direction of the arrow.
3. Set the ⊖ sides of the two batteries against the springs then press on the ⊕ side and insert.
4. Close the lid.
5. Securely tighten the fixing screw with a screwdriver.

* • For prevention of stage accidents, etc.

  When using with batteries, be sure to replace the old batteries with two new ones (IEC RP6). Also, make sure they are positioned correctly (⊕ and ⊖ sides).

  • Power switch

  The output connector includes a built-in power switch. When the microphone cord connector is inserted, the power is turned on. When disconnected, the power is turned off.

  • Priority between phantom power supply and battery

  The phantom power supply has priority, even if batteries are loaded.

PARTS REPLACEMENT

■ Microphone Unit Ass'y Removal

- Turn the microphone case ass'y counterclockwise and remove the microphone case ass'y from the microphone case end.
- Pull the microphone unit ass'y and remove the insulation plate from microphone unit lead wires. (Fig. 1 or Fig. 2)

[WM-S1E, WM-S2E, WM-S5E only]

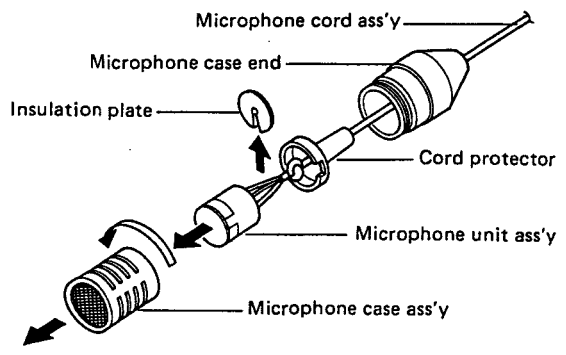


Fig. 1

[WM-S10E only]

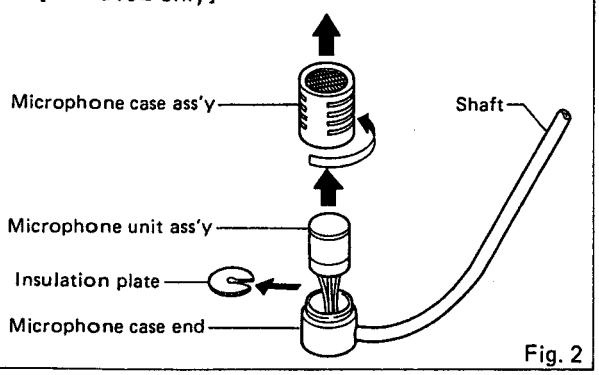


Fig. 2

- Unsolder lead wires from the microphone unit ass'y and replace the microphone unit ass'y with a new one. (Fig. 3)

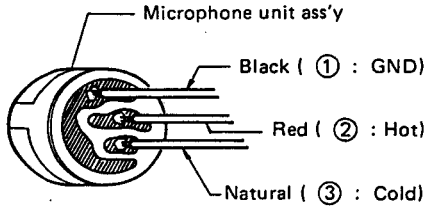


Fig. 3

■ Output Connector Removal

[WM-S1E, WM-S5E]

- Turning the fixing screw counterclockwise and remove the output connector from the connector case. (Fig. 4)

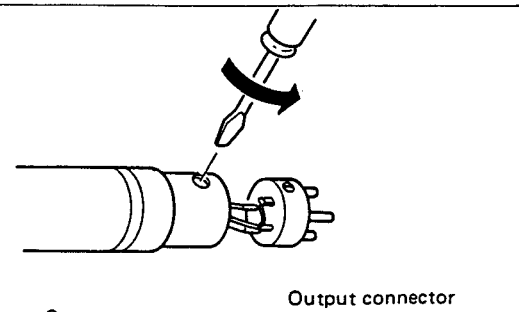


Fig. 4

- Unsolder lead wires from the output connector. (Fig. 5)

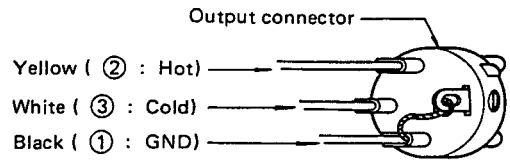


Fig. 5

[WM-S2E, WM-S10E]

- Remove the belt clip fixing screws and remove the belt clip from the battery case lid in the direction of the arrow ① . (Fig. 6)
- Use a screwdriver and loosen the fixing screw in the direction of the arrow ② . (Fig. 6)
- Remove the battery case lid in the direction of the arrow ③ . (Fig. 6)

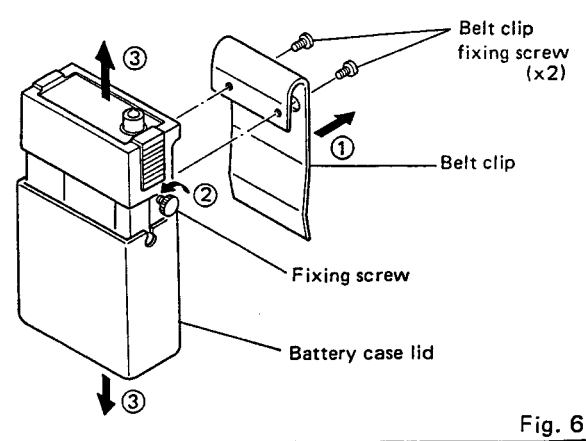


Fig. 6

- Turning the fixing screw counterclockwise and remove the output connector from chassis.

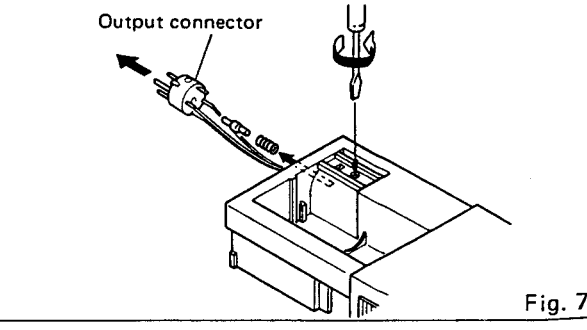


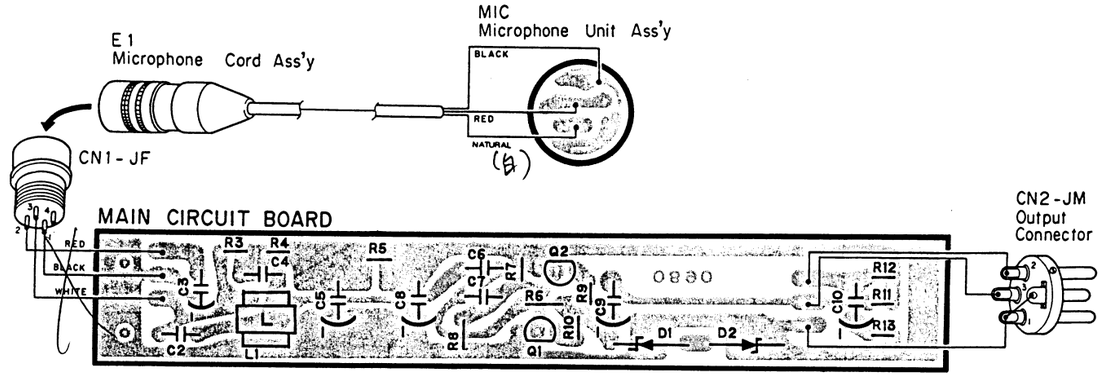
Fig. 7

- Unsolder the lead wire from output connector shown in Fig. 5.

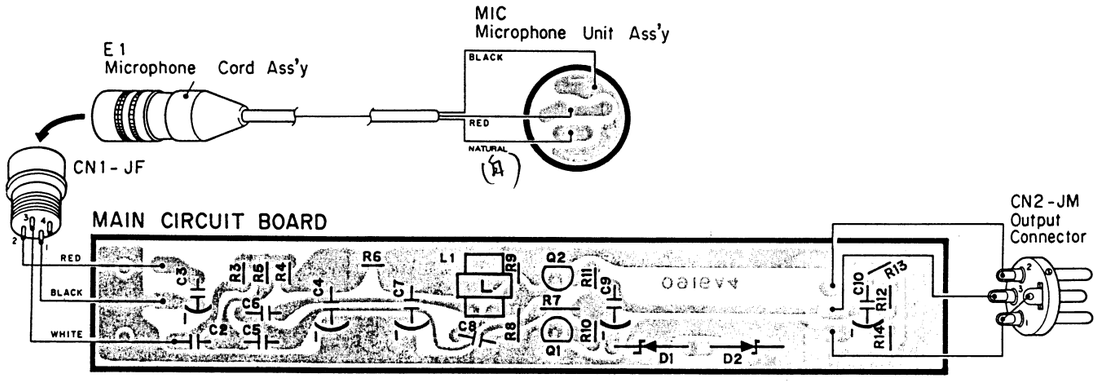
CIRCUIT BOARD AND WIRING CONNECTION DIAGRAM

— View from components side —

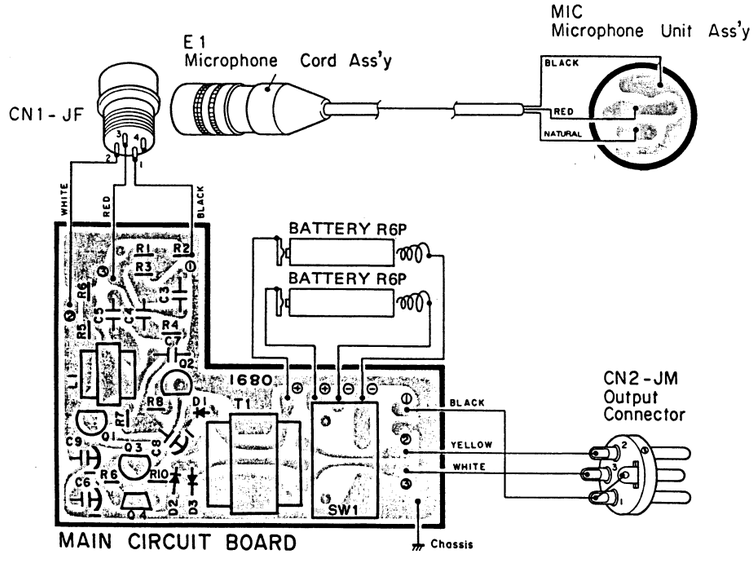
[WM-S1E]



[WM-S5E]

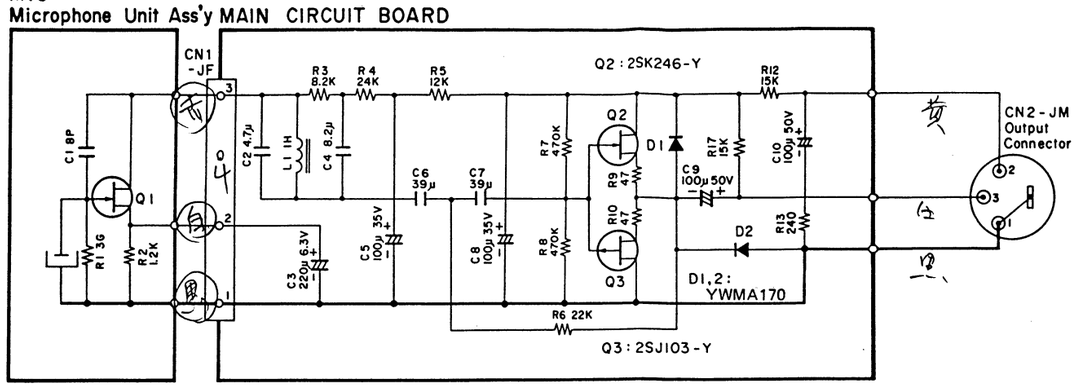


[WM-S2E, WM-S10E]

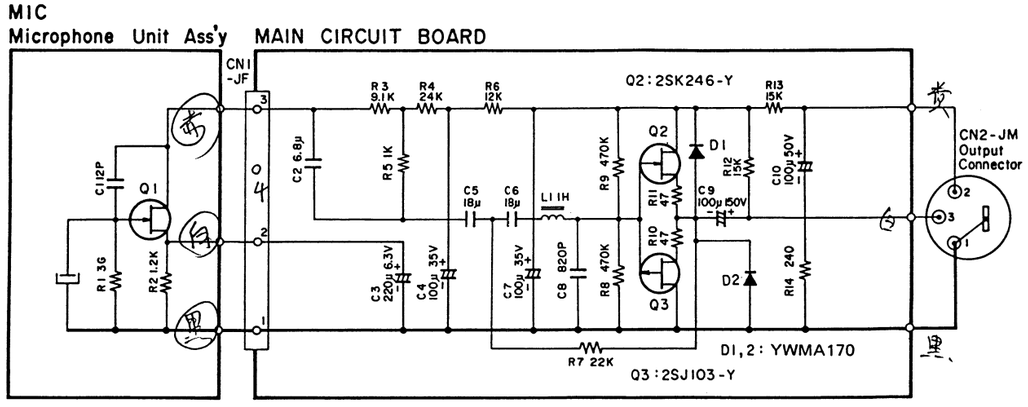


SCHEMATIC DIAGRAM

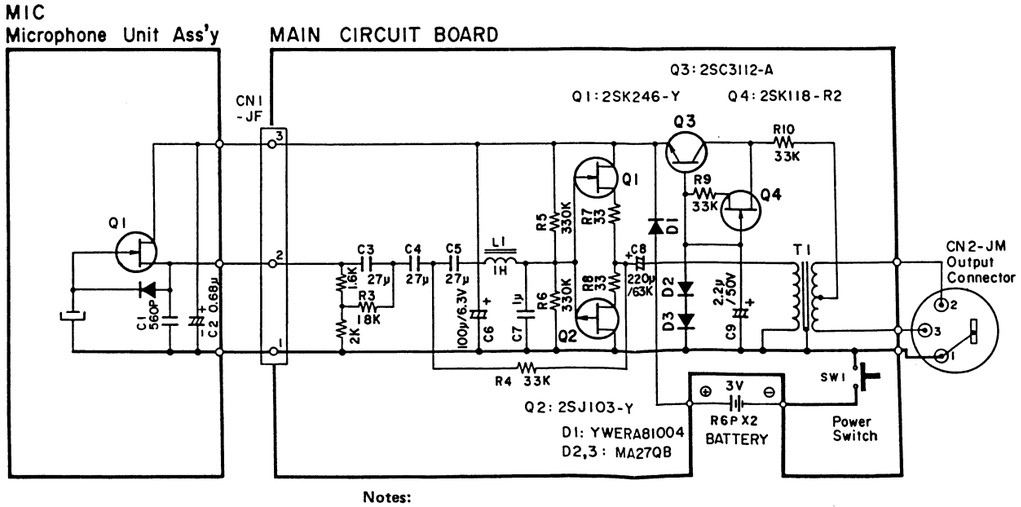
[WM-S1E]



[WM-S5E]



[WM-S2E, WM-S10E]

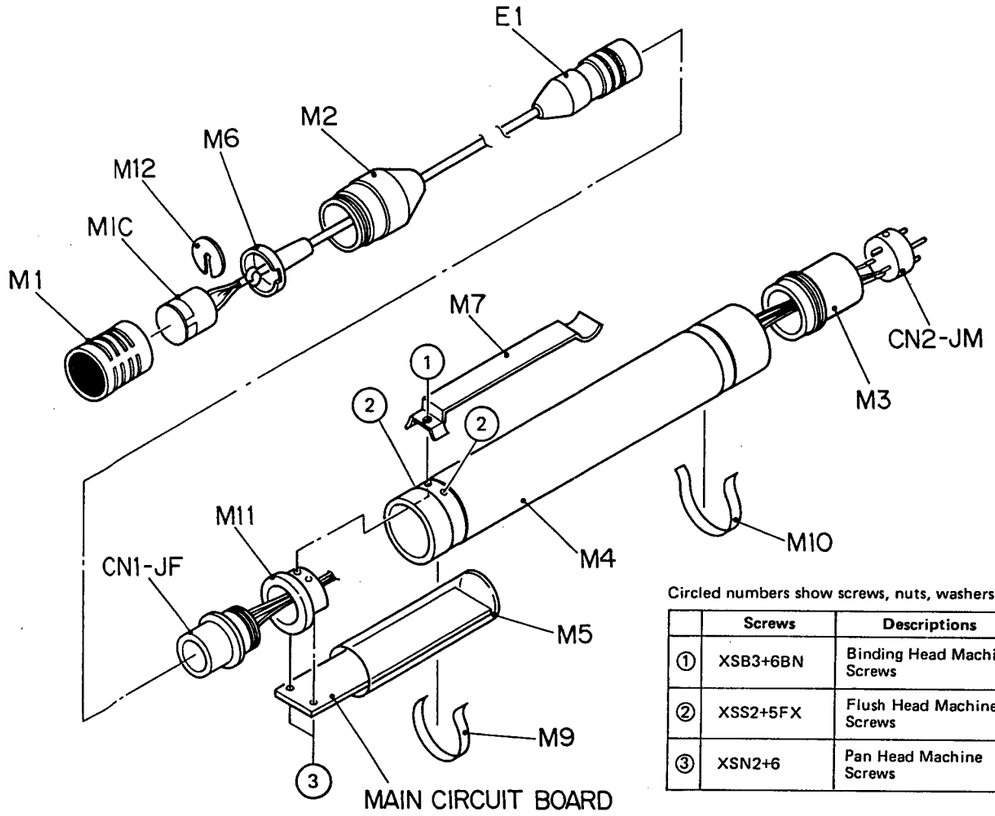


Notes:

1. All resistor values are in ohm ¼W ±5% unless otherwise specified.
2. All capacitor values are in farads 50V unless otherwise specified.
3. Do not order components by Part No. written on schematic diagram. Use replacement parts list.

EXPLODED VIEW

[WM-S1E, WM-S5E]

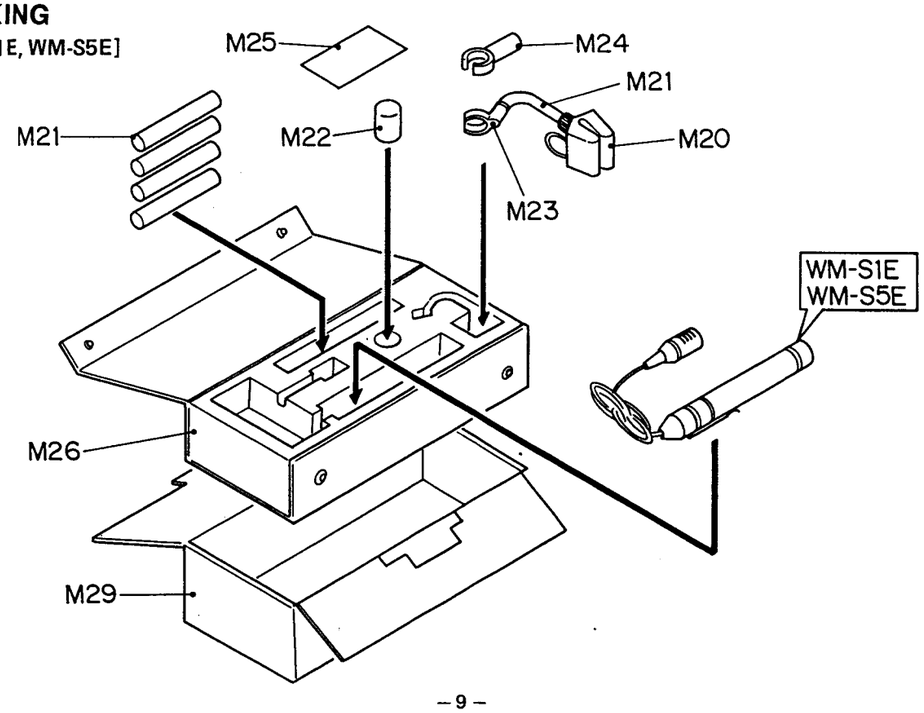


Circled numbers show screws, nuts, washers, etc.

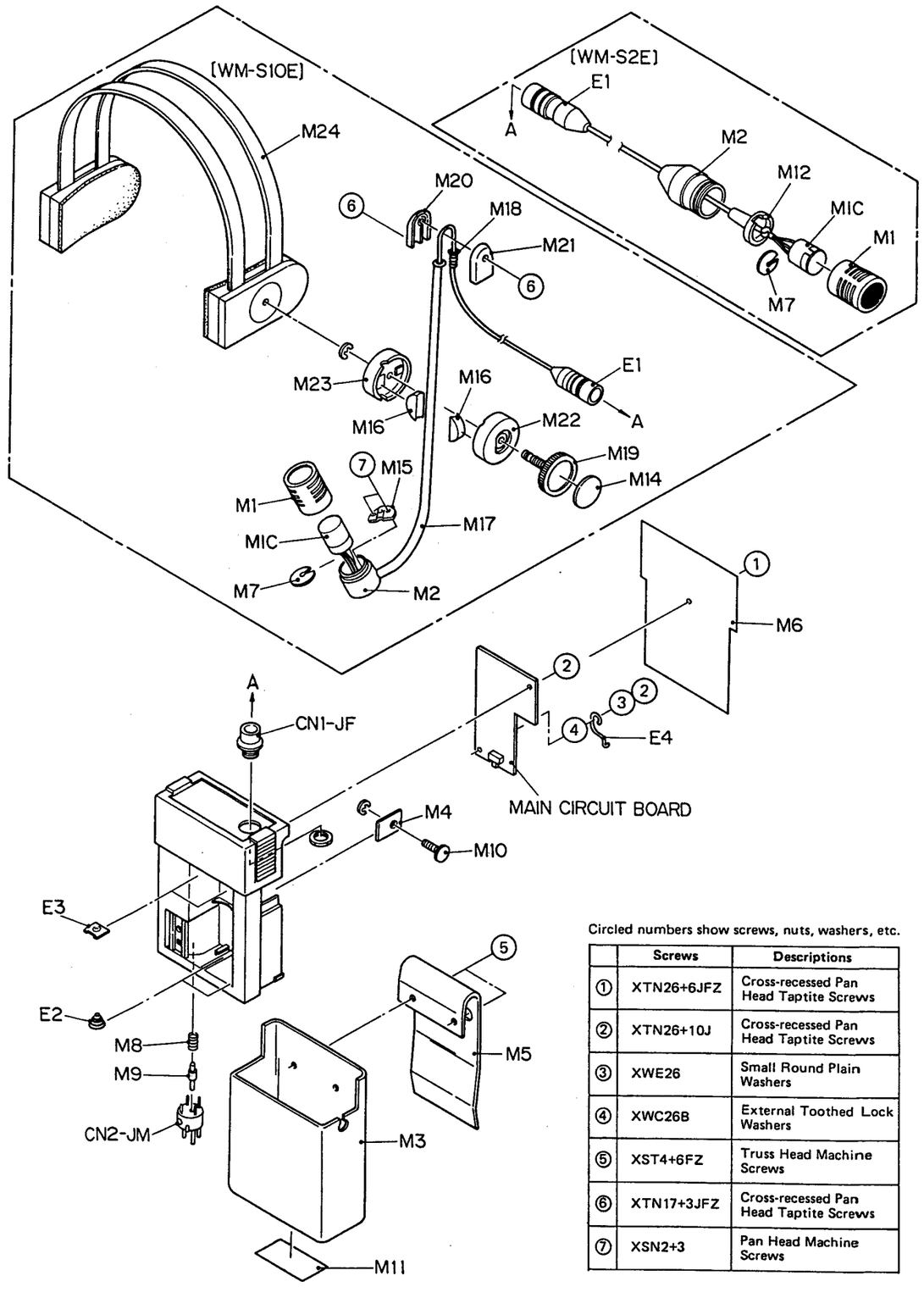
	Screws	Descriptions
①	XSB3+6BN	Binding Head Machine Screws
②	XSS2+5FX	Flush Head Machine Screws
③	XSN2+6	Pan Head Machine Screws

PACKING

[WM-S1E, WM-S5E]



[WM-S2, WM-S10E]

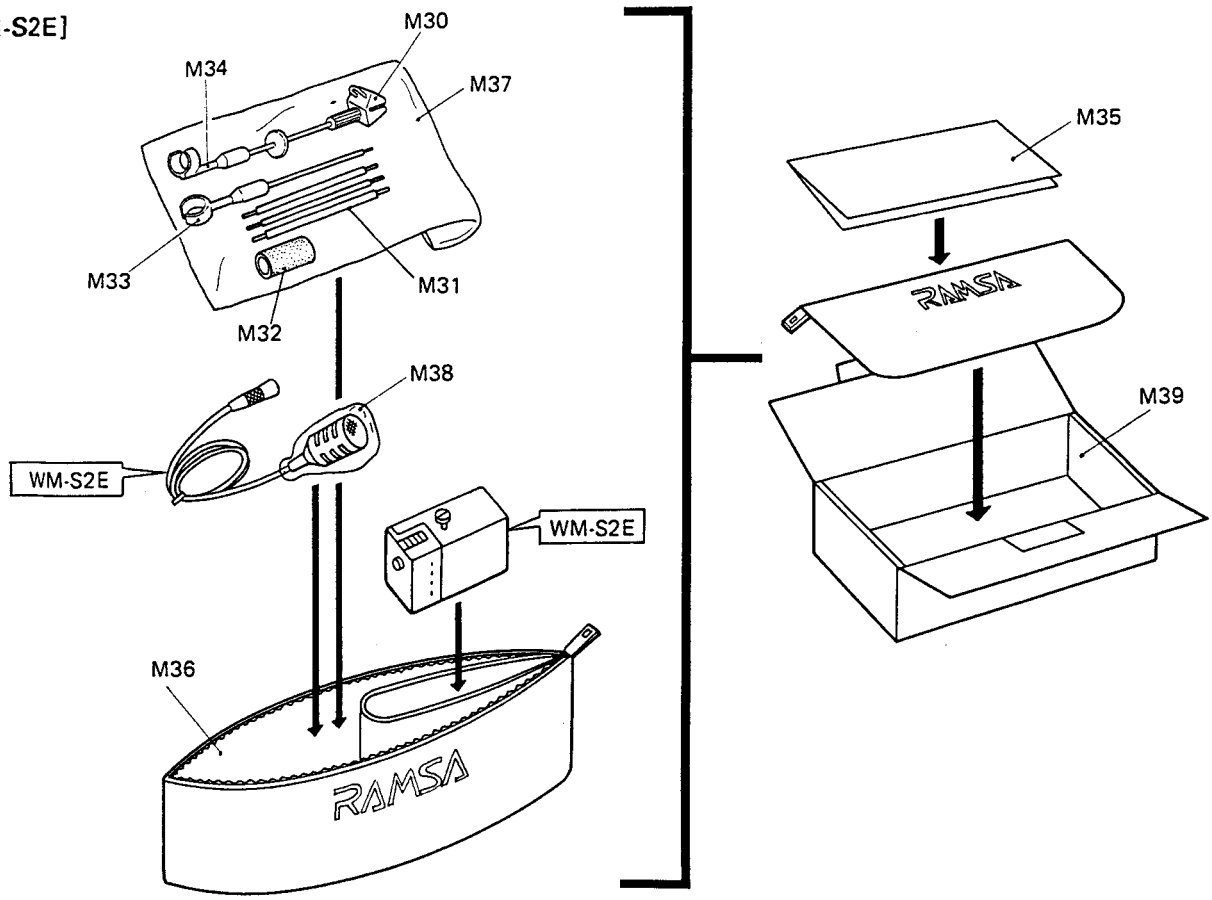


Circled numbers show screws, nuts, washers, etc.

	Screws	Descriptions
①	XTN26+6JFZ	Cross-recessed Pan Head Taptite Screws
②	XTN26+10J	Cross-recessed Pan Head Taptite Screws
③	XWE26	Small Round Plain Washers
④	XWC26B	External Toothed Lock Washers
⑤	XST4+6FZ	Truss Head Machine Screws
⑥	XTN17+3JFZ	Cross-recessed Pan Head Taptite Screws
⑦	XSN2+3	Pan Head Machine Screws

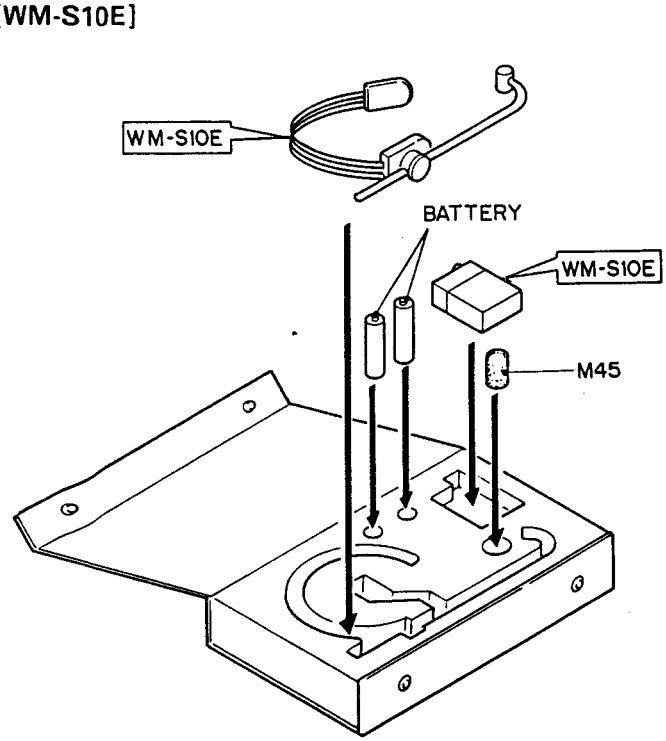
PACKING

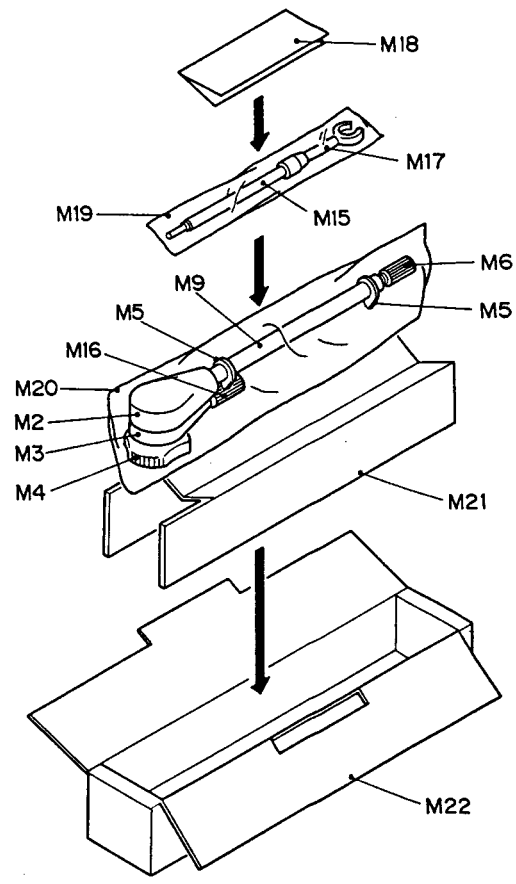
[WM-S2E]



[WM-Q01E]

[WM-S10E]





REPLACEMENT PARTS LIST

Important Notice

- Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
- Components identified by * mark are new parts used from this model.

MODEL WM-S1E/WM-S5E

SYMBOL NO.		PART NO.	PART CODE	DESCRIPTION	
MISCELLANEOUS					
MIC	*	YWM0EA0004AN	060 990 1389 1	Microphone unit ass'y	[WM-S1E only]
	*	YWM0EA0005AN	060 990 1387 3	Microphone unit ass'y	[WM-S5E only]
CN1-JF		YWHR10A7P4P	003 403 4963 5	4-pin jack female	
CN2-JM		YWMCNA0008B0	003 403 1684 1	3-pin jack male	
E1		YWMLKA0250C4	003 492 5826 0	Microphone cord ass'y	
M1	*	YWM9AA0303B4	060 990 1397 1	Microphone case ass'y	[WM-S1E only]
	*	YWM9AA0301A4	060 990 1394 4	Microphone case ass'y	[WM-S5E only]
M2	*	YWM5KA0513A4	060 800 1687 5	Microphone case end	
M3		YWM5KA0531A4	060 800 1689 3	Connector case	
M4	*	YWM5KA0532B4	060 800 1711 2	Power module case	
M5		YWM2PA0146A4	060 600 1616 4	Insulator plate	
M6		YWM2XA0012D4	060 652 0863 5	Cord protector	
M7	*	YWM4JA0159B4	060 726 0487 0	Belt clip	
M8	*	YWM4JA0160A4	060 726 0485 2	Grounding spring	
M9		YWM7SA0596A4	060 852 2057 9	RAMSA label	
M10	*	YWM7SB0597A4	060 862 2075 7	Main label	[WM-S1E only]
	*	YWM7SB0598A4	060 862 2076 6	Main label	[WM-S5E only]
M11		YWM5GA0044A4	007 593 0877 5	Cap	
M12	*	YWM2PA0090A4	060 600 1539 0	Insulator washer	
MAIN CIRCUIT BOARD					
Q2		2SK246-Y	001 030 2750 5	FET	
Q3		2SJ103-Y	001 030 3929 2	FET	
D1, 2		YWMA170		Diode (x2)	
C2		ECQB1H682JZ	001 106 3382 6	Polyester 0.0068μF 50V	[WM-S1E only]
		ECQB1H472JZ	001 106 3380 8	Polyester 0.0048μF 50V	[WM-S5E only]
C3		YWMEC0Y221M	001 106 4925 3	Electrolytic 220μF 6.3V	
C4		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S1E only]
		ECQB1H822JZ	001 106 3383 5	Polyester 0.0082μF 50V	[WM-S5E only]
C5		ECQB1H183JZ	001 106 3315 7	Polyester 0.018μF 50V	[WM-S1E only]
		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S5E only]
C6		ECQB1H183JZ	001 106 3315 7	Polyester 0.018μF 50V	[WM-S1E only]
		ECQV1H393JZ	001 106 3101 9	Polyester 0.039μF 50V	[WM-S5E only]
C7		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S1E only]
		ECQV1H393JZ	001 106 3101 9	Polyester 0.039μF 50V	[WM-S5E only]
C8		ECQP1H821JZ	001 106 4562 0	Polyester 820pF 50V	[WM-S1E only]
		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S5E only]
C9, 10		YWREC50V101M	001 106 4924 4	Electrolytic (x2) 100μF 50V	
L1		YWMLCA0026A4	001 211 2651 0	Coil	
ACCESSORIES/PACKING					
M20	*	YWM9AA0302A4	060 990 1399 9	Drums clip ass'y	
M21	*	YWM4AA0012A4	060 717 0071 1	Flexible bar (x5)	
M22		YWM6CA0046A4	060 612 0379 6	Wind screen	
M23	*	YWM5HA0005C4	060 650 0540 1	Mic holder	
M24		YWM5HA0018B4	060 650 0541 0	Mic holder	
M25	*	YWM8QA0730A4	060 983 2306 7	Operating instructions	
M26	*	YWM8NA0021A3	060 910 0079 4	Carrying case	
M27		YWT10X16C03	060 978 0054 7	Polyethylene bag	
M28		YWT050803	060 978 0020 7	Polyethylene bag	
M29	*	YWM8DA0658A4	060 971 2275 3	Packing case	[WM-S1E only]
	*	YWM8DB0658A4	060 971 2282 4	Packing case	[WM-S5E only]

MISCELLANEOUS

SYMBOL NO.		PART NO.	PART CODE	DESCRIPTION	
MIC		YWM0EA0007AN	060 990 1388 2	Microphone unit ass'y	[WM-S2E only]
		YWM0EA0006AN	060 990 1386 4	Microphone unit ass'y	[WM-S10E only]
CN1-JF		YWHR10A7R4S	003 403 4927 0	4-pin jack female	
CN2-JM		YWMCNA0006A0	003 403 2232 1	3-pin jack male	
E1		YWMLKA0249B4	003 492	Microphone cord ass'y	[WM-S2E only]
		YWMLKA0251B4		Microphone cord ass'y	[WM-S10E only]
E2		YPM-MS068B4	003 413 0633 0	Spring, ⊖ terminal (x2)	
E3		YPM-MX043CA	003 413 0632 1	⊕ terminal (x2)	
E4		YWMTDA0045B4	003 410 4957 2	Ground terminal	
M1		YWM9AB0301A4	060 990 1395 3	Mic case ass'y	[WM-S2E only]
		YWM9AA0301A4	060 990 1394 4	Mic case ass'y	[WM-S10E only]
M2	*	YWM5KA0513A4	060 800 1687 5	Mic case end	[WM-S2E only]
		YWM5KA0511A4	060 800 1686 6	Mic case end	[WM-S10E only]
M3		YWM5KA0514A4	060 800 1688 4	Battery case lid	
M4		YWM2CA0118A4	060 650 0437 9	Fixing plate, case	
M5		YWM4JA0072A4	060 726 0364 0	Belt clip	
M6	*	YWM2PA0089A4	060 600 1538 1	Insulator cover	
M7	*	YWM2PA0090A4	060 600 1539 0	Insulator washer	
M8		YWM4JA0096A4	060 726 0412 9	Spring, switch	
M9		YWM1HA0010A4	005 510 0662 7	Pin, switch	
M10		YWM1EA0020A4	005 500 3459 2	Fixing screw, case	
M11	*	YWM7SB0599A4	060 862 2077 5	Label, main	[WM-S2E only]
	*	YWM7SB0600A4	060 862 2078 4	Label, main	[WM-S10E only]
M12		YWM2XA0012D4	060 652 0863 5	Cord protector	[WM-S2E only]
M14		YWM5EA0325A4	060 845 0999 7	Cover, screw	[WM-S10E only]
M15		YWM2SA0807A4	060 632 4626 2	Pipe fixing angle	[WM-S10E only]
M16		YWM2JA0038A4	060 634 0152 1	Support (x2)	[WM-S10E only]
M17		YWM4HA0060B4	060 713 0224 2	Shaft	[WM-S10E only]
M18		YWM2XA0046A4	060 652 0864 4	Spring, cord protector	[WM-S10E only]
M19		YWM1EA0062B4	005 500 5885 0	Screw	[WM-S10E only]
M20		YWM2GA0032B4	060 645 0226 9	Cord clamp A	[WM-S10E only]
M21		YWM2GA0033A4	060 645 0223 2	Cord clamp B	[WM-S10E only]
M22		YWM4LA0001A4	060 743 0008 0	Revolution drum A	[WM-S10E only]
M23		YWM4LA0002A4	060 743 0009 9	Revolution drum B	[WM-S10E only]
M24	*	YWM0MA0011AN	060 990 1391 7	Headband ass'y	[WM-S10E only]

MODEL WM-S2E/WM-S10E

MAIN CIRCUIT BOARD

SYMBOL NO.	PART NO.	PART CODE	DESCRIPTION
Q1	2SK246-Y	001 030 2750 5	FET
Q2	2SJ103-Y	001 030 3929 2	FET
Q3	2SC3112-A	001 030 3835 7	Transistor
Q4	2SK118-R2	001 030 3066 4	FET
D1	YWERA81004	001 032 5447 7	Diode
D2, 3	MA27QB	001 030 3834 8	Diode (x2)
C3 – 5	ECQB1H273JZ	001 106 3393 3	Polyester (x3) 0.027μF 50V
C6	YWREC6V101M		Electrolytic 100μF 6.3V
C7	ECQB1H103JZ	001 106 3225 8	Polyester 0.01μF 50V
C8	YWREC6V221M	001 106 4925 3	Electrolytic 220μF 6.3V
C9	ECEA1HU2R2	001 120 3253 2	Electrolytic 2.2μF 50V
T1	YWMMTA0073A4	001 200 4878 6	Output transformer
SW1	EVQQHR12K	003 439 0258 1	Push switch
L1	YWMLCA0026A4	001 211 2651 0	Coil

ACCESSORIES/PACKING [WM-S2E only]

M30	*	YWM9AA0302A4	060 990 1399 9	Drums clip ass'y
M31		YWM4AA0012A4	060 717 0071 1	Flexible bar (x5)
M32		YWM6CA0046A4	060 612 0379 6	Wind screen
M33		YWM5HA0005C4	060 650 0540 1	Mic holder
M34		YWM5HA0018B4	060 650 0541 0	Mic holder
M35	*	YWM8QA0730A4	060 983 2306 7	Operating instructions
M36	*	YWM8NA0025A3	060 910 0087 4	Carrying case
M37		YWT10X16C03	060 978 0054 7	Polyethylene bag
M38		YWT050803	060 978 0020 7	Polyethylene bag
M39	*	YWM8DA0659A4	060 971 2276 2	Packing case

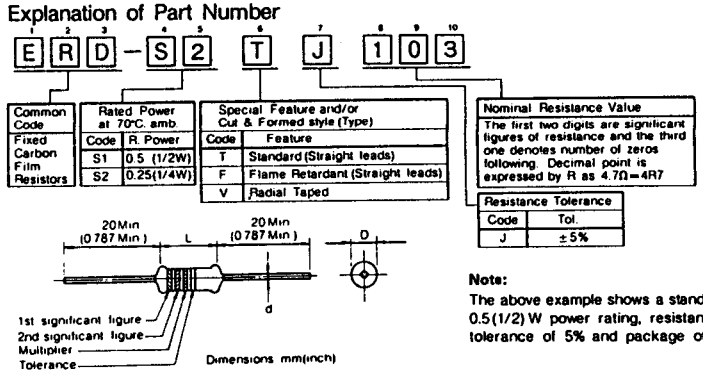
ACCESSORIES/PACKING [WM-S10E only]

M45	*	YWM6CA0046A4	060 612 0379 6	Wind screen
M46	*	YWM8QA0730A4	060 983 2306 7	Operating instructions
M47	*	YWM8NA0022A3	060 910 0080 1	Carrying case
M48		YWT050803	060 978 0020 7	Polyethylene bag
M49	*	YWM8DA0661A4	060 971 2277 1	Packing case

SYMBOL NO.		PART NO.	PART CODE	DESCRIPTION
MISCELLANEOUS				
M1		YWM2JA0039A4	060 634 0153 0	Antenna shaft
M2		YWM4AA0013A4	060 717 0072 0	Arm A
M3		YWM4AB0014A4	060 717 0074 8	Arm B
M4		YPMMJ081CB4	005 500 5853 8	Screw
M5		YWM3CA0091A4	060 631 0283 6	Cord clamp (x2)
M6		YWM3CA0095A4	060 631 0289 0	Clip holder
M7		YWM4JA0152A4	060 726 0483 4	Spring
ACCESSORIES/PACKING				
M15		YWM4AA0012A4	060 717 0071 1	Flexible bar
M16		YWM1EA0065A4	005 500 5886 9	Stand adaptor
M17		YWM5HA0005C4	060 650 0540 1	Mic holder
M18	*	YWM8QA0731A4	060 983 2307 6	Operating instructions
M19		YWT10X16C03	060 978 0054 7	Polyethylene bag
M20		YPM-PF048AA4		Polyethylene bag
M21	*	YWM8DA0662A4	060 971 2278 0	Packing case

Note: When ordering carbon film resistors check the resistance value on the schematic diagram and refer to the part number below.

Explanation of Part Number


E R D – S 2 T J 1 0 3
Common Code
Fixed Carbon Film Resistors
Rated Power at 70°C amb.
Code | R. Power
S1 | 0.5 (1/2W)
S2 | 0.25(1/4W)
Special Feature and/or Cut & Formed style (Type)
Code | Feature
T | Standard (Straight leads)
F | Flame Retardant (Straight leads)
V | Radial Taped
Nominal Resistance Value
The first two digits are significant figures of resistance and the third one denotes number of zeros following. Decimal point is expressed by R as 4.7Ω=4R7
Resistance Tolerance
Code | Tol.
J | ±5%
20Min (0.787 Min.)
L
20Min (0.787 Min.)
D
d
1st significant figure
2nd significant figure
Multiplier
Tolerance
Dimensions mm(inch)

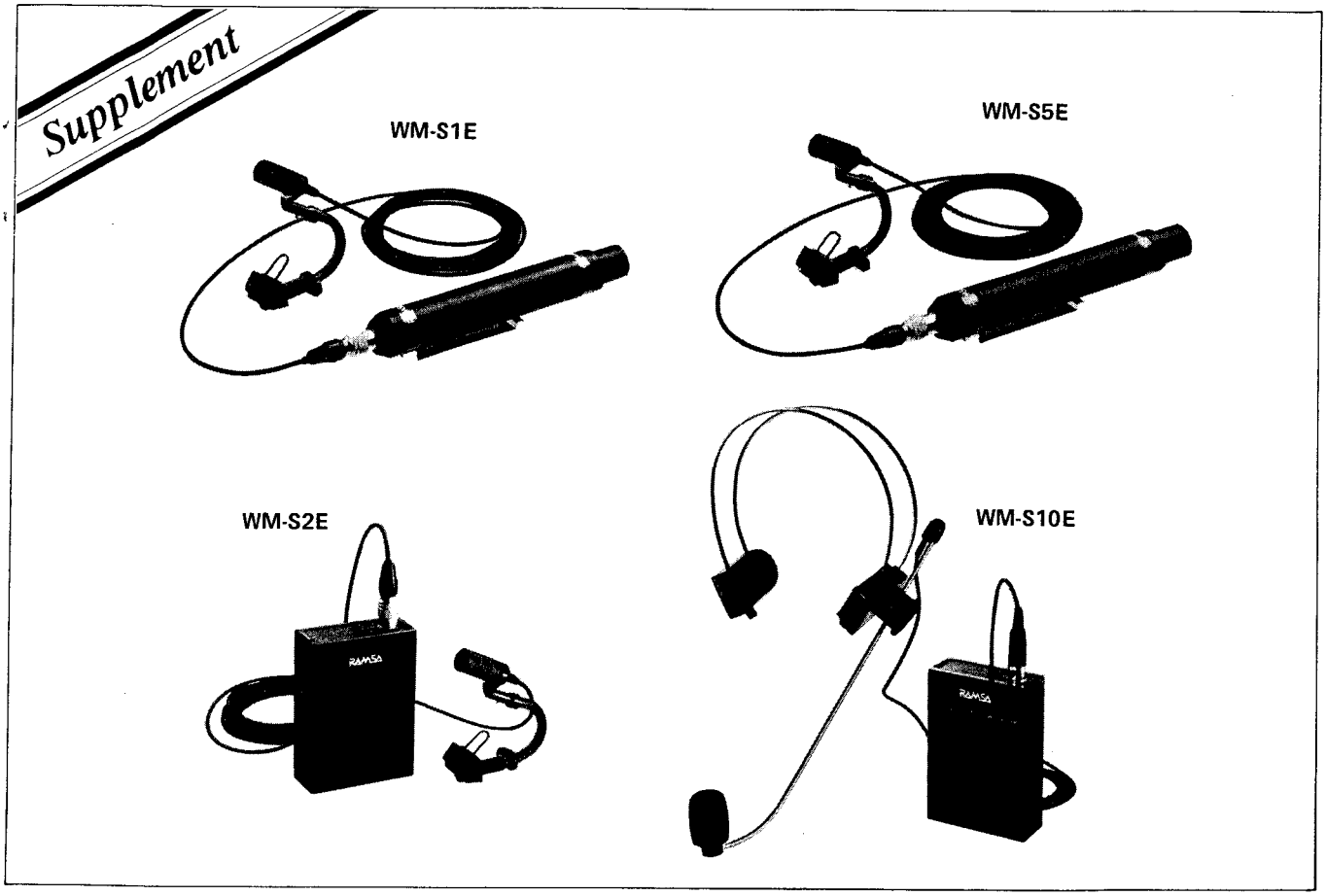
Note:
The above example shows a standard fixed carbon film resistor, 0.5(1/2) W power rating, resistance value of 10K ohms, tolerance of 5% and package of taped(26mm) & Box.

ORDER NO. AVD86050214S2

Service Manual

Miniature Condenser Microphones

WM-S1E/S2E/S5E/S10E



Please use this manual together with the service manual for Model No. WM-S1E/S2E/S5E/S10E, Order No. AVD86030210C2.

Panasonic

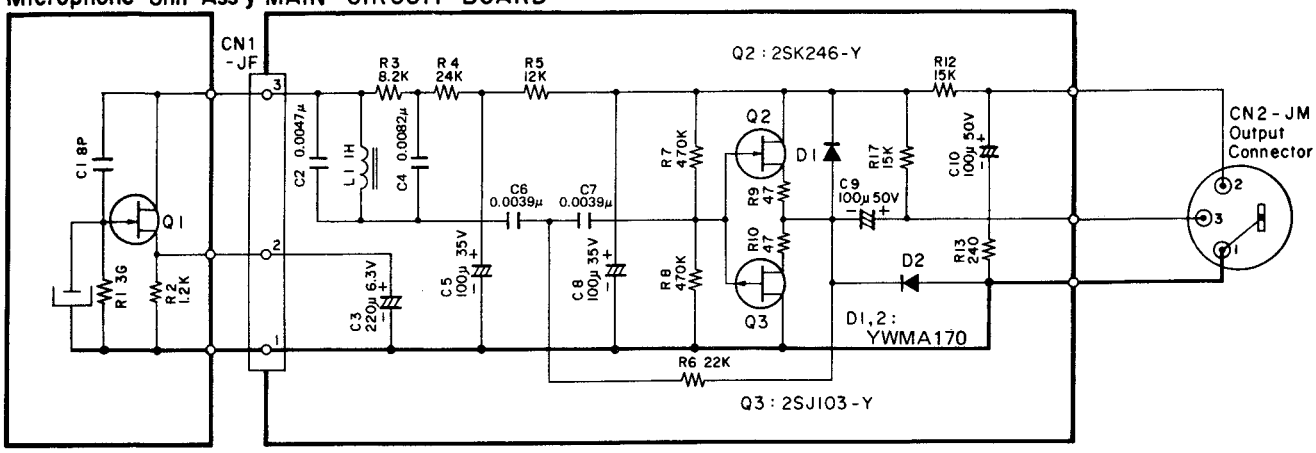
Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

Printed in Japan
E-004 (G)

SCHEMATIC DIAGRAM

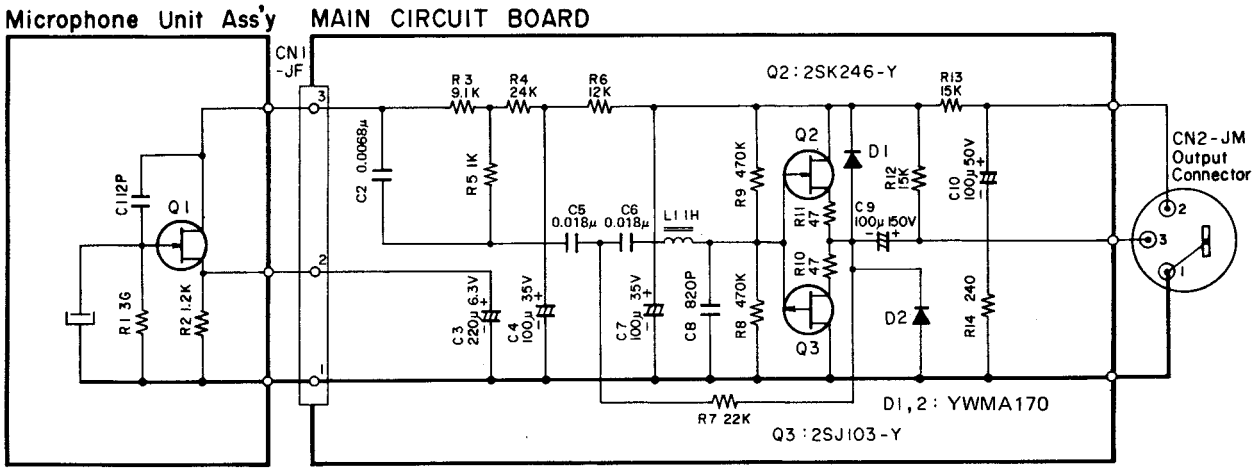
[WM-S1E] These capacitor values are corrected: C2, C4, C6, C7

MIC
Microphone Unit Ass'y MAIN CIRCUIT BOARD



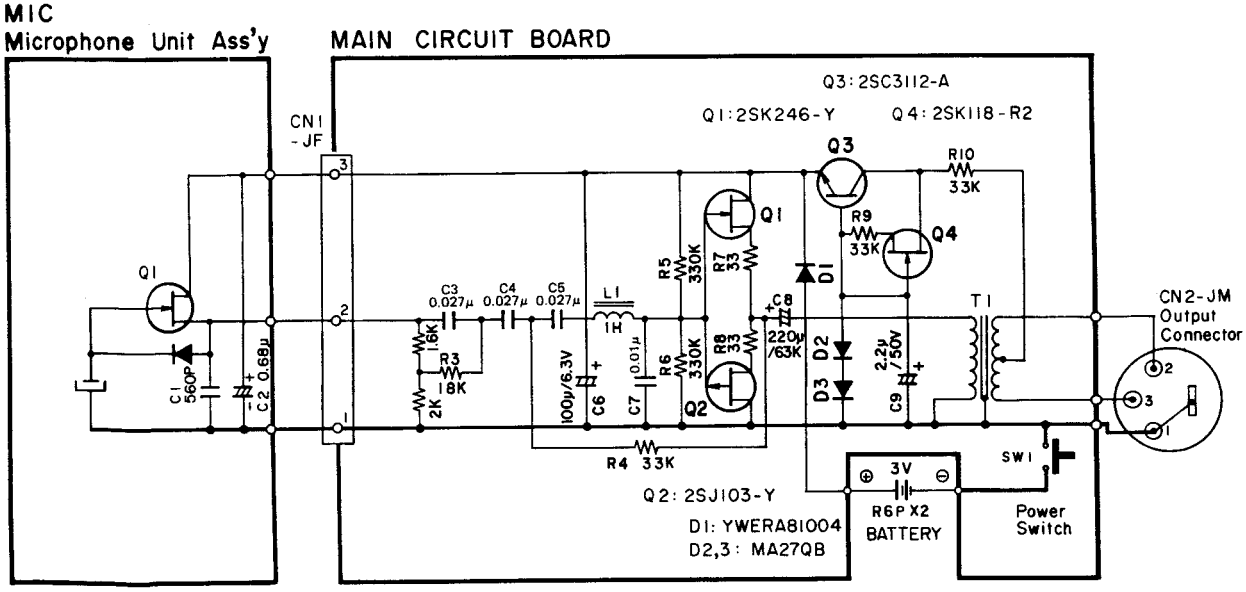
[WM-S5E] These capacitor values are corrected: C2, C5, C6

MIC
Microphone Unit Ass'y MAIN CIRCUIT BOARD



[WM-S2E, WM-S10E] These capacitor values are corrected: C3, C4, C5, C7

MIC
Microphone Unit Ass'y MAIN CIRCUIT BOARD



Notes:

1. All resistor values are in ohm ¼W ±5% unless otherwise specified.
2. All capacitor values are in farads 50V unless otherwise specified.
3. Do not order components by Part No. written on schematic diagram. Use replacement parts list.

REPLACEMENT PARTS LIST

Important Notice

- Components identified by ⚠ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
- Components identified by * mark are new parts used from this model.

MODEL WM-S1E/WM-S5E

SYMBOL NO.		PART NO.	PART CODE	DESCRIPTION	
MISCELLANEOUS					
MIC	*	YWM0EA0004AN	060 990 1389 1	Microphone unit ass'y	[WM-S1E only]
	*	YWM0EA0005AN	060 990 1387 3	Microphone unit ass'y	[WM-S5E only]
CN1-JF		YWHR10A7P4P	003 403 4963 5	4-pin jack female	
CN2-JM		YWMCNA0008B0	003 403 1684 1	3-pin jack male	
E1		YWMLKA0250C4	003 492 5826 0	Microphone cord ass'y	
M1	*	YWM9AA0303B4	060 990 1397 1	Microphone case ass'y	[WM-S1E only]
	*	YWM9AA0301A4	060 990 1394 4	Microphone case ass'y	[WM-S5E only]
M2	*	YWM5KA0513A4	060 800 1687 5	Microphone case end	
M3		YWM5KA0531A4	060 800 1689 3	Connector case	
M4	*	YWM5KA0532B4	060 800 1711 2	Power module case	
M5		YWM2PA0146A4	060 600 1616 4	Insulator plate	
M6		YWM2XA0012D4	060 652 0863 5	Cord protector	
M7	*	YWM4JA0159B4	060 726 0487 0	Belt clip	
M8	*	YWM4JA0160A4	060 726 0485 2	Grounding spring	
M9		YWM7SA0596A4	060 852 2057 9	RAMSA label	
M10	*	YWM7SB0597A4	060 862 2075 7	Main label	[WM-S1E only]
	*	YWM7SB0598A4	060 862 2076 6	Main label	[WM-S5E only]
M11		YWM5GA0044A4	007 593 0877 5	Cap	
M12	*	YWM2PA0090A4	060 600 1539 0	Insulator washer	
MAIN CIRCUIT BOARD					
Q2		2SK246-Y	001 030 2750 5	FET	
Q3		2SJ103-Y	001 030 3929 2	FET	
D1, 2		YWMA170		Diode (x2)	
C2		ECQB1H472JZ	001 106 3380 8	Polyester 0.0047μF 50V	[WM-S1E only]
		ECQB1H682JZ	001 106 3382 6	Polyester 0.0068μF 50V	[WM-S5E only]
C3		YWREC6V221M	001 106 4925 3	Electrolytic 220μF 6.3V	
C4		ECQB1H822JZ	001 106 3383 5	Polyester 0.0082μF 50V	[WM-S1E only]
		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S5E only]
C5		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S1E only]
		ECQB1H183JZ	001 106 3315 7	Polyester 0.018μF 50V	[WM-S5E only]
C6		ECQV1H393JZ	001 106 3101 9	Polyester 0.039μF 50V	[WM-S1E only]
		ECQB1H183JZ	001 106 3315 7	Polyester 0.018μF 50V	[WM-S5E only]
C7		ECQV1H393JZ	001 106 3101 9	Polyester 0.039μF 50V	[WM-S1E only]
		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S5E only]
C8		YWREC35V101M	001 106 4923 5	Electrolytic 100μF 35V	[WM-S1E only]
		ECQP1H821JZ	001 106 4562 0	Polyester 820pF 50V	[WM-S5E only]
C9, 10		YWREC50V101M	001 106 4924 4	Electrolytic (x2) 100μF 50V	
L1		YWMLCA0026A4	001 211 2651 0	Coil	
ACCESSORIES/PACKING					
M20	*	YWM9AA0302A4	060 990 1399 9	Drums clip ass'y	
M21	*	YWM4AA0012A4	060 717 0071 1	Flexible bar (x5)	
M22		YWM6CA0046A4	060 612 0379 6	Wind screen	
M23	*	YWM5HA0005C4	060 650 0540 1	Mic holder	
M24		YWM5HA0018B4	060 650 0541 0	Mic holder	
M25	*	YWM8QA0730A4	060 983 2306 7	Operating instructions	
M26	*	YWM8NA0021A3	060 910 0079 4	Carrying case	
M27		YWT10X16C03	060 978 0054 7	Polyethylene bag	
M28		YWT050803	060 978 0020 7	Polyethylene bag	
M29	*	YWM8DA0658A4	060 971 2275 3	Packing case	[WM-S1E only]
	*	YWM8DB0658A4	060 971 2282 4	Packing case	[WM-S5E only]

Printed in Japan
E-002